

ABSTRACT

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2 The present invention discloses an automated rock saw
3 having a saw motor load sensor to control the speed of the
4 conveyors bringing the rock to the saw blade. As the saw
5 motor works harder to cut a given rock, the controller
6 automatically slows the conveyor belts, reducing the load on
7 the saw blade. If the saw blade is easily cutting a given
8 rock and not working at optimum speed, the conveyors will be
9 sped up, increasing production. Also provided in an
10 alternate embodiment is a horizontal blade that can be moved
11 into place to cut the "bottom" of a corner piece, then the
12 standard, vertical blade cuts the other side of the corner.
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